

Title (en)  
AMPHOTERIC POLYMERS AND USE IN INKJET INK COMPOSITIONS

Title (de)  
AMPHOTERE POLYMERE UND VERWENDUNG IN TINTENSTRAHLTINTENZUSAMMENSETZUNGEN

Title (fr)  
POLYMÈRES AMPHOTÈRES ET LEUR UTILISATION DANS DES COMPOSITIONS D'ENCRE POUR IMPRESSION À JET D'ENCRE

Publication  
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Application  
**EP 16736937 A 20160513**

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Abstract (en)  
[origin: WO2016187059A1] Disclosed herein are inkjet ink compositions comprising a polymer comprising the repeat units (A), (B), and (C), wherein: (A) is selected from— N+(R1)(R2)— and— N(R1)—; (B) is selected from C1-C10 alkylene; C3-C20 cycloalkylene; C3-C20 heterocycloalkylene; arylene; heteroarylene; C2-C20 ether; C2-C20 thioether; C2-C20 ester; C2-C20 acetal; C2-C20 amide; bisphenols; and oligomer and polymer moieties selected from polyether, polyester, polyamines, polycarbonate, polyacetal, polythioether, polyester amide, polyurethane, polyacrylate, polyolefin, and polyalkylsiloxane, and (C) comprises at least one group selected from : (i) -C(R3)(R4)-C(R5)(OH)-(C(R6)(R7))m-, (ii)-C(R3)(R4)-C(R5)(H)-C(O)-, and (iii)— C(R3)(R4)— C(R5)(H)— S(O)(O)—; and (A) is bonded to the— C(R3)(R4)— group of (C), and (B) is bonded to (C).

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